

Amendment to the Claims:

Before claim 1, please delete the word "Claims" and substitute the following:

What is claimed is:

1. (Currently Amended) A liquid fuel supply unit [(101; 101')] for a liquid fuel burner [(106)] with a gas atomizing nozzle [(105)], the supply unit [(101; 101')] comprising a liquid fuel feed pump [(102; 102')], and a compressor [(104; 104')] and a motor, said liquid fuel feed pump [(102; 102')] having an inlet [(21)] connectable to a liquid fuel conduit from a liquid fuel source, such as an oil tank, and an outlet connectable to an inlet [(24)] of a liquid fuel metering device [(103; 103')], said compressor [(104; 104')] having an outlet being connectable to the gas atomizing nozzle [(105)] of the liquid fuel burner [(106)], [[characterized in that]] wherein the unit [[comprise]] comprises a unitary common drive shaft [(3; 3')], the liquid fuel feed pump and the compressor both comprise a rotary impeller and the motor comprises a rotor where the rotary impellers and the rotor are mounted on the unitary common drive shaft for the liquid fuel feed pump [(102; 102')] and the compressor [(104; 104')].
2. (Currently Amended) [[A]] The supply unit according to claim 1, [[characterized in that]] wherein the liquid fuel feed pump [(102; 102')] and the compressor [(104; 104')] both comprise a rotary impeller [(8; 2)] mounted on the common drive shaft [(3; 3')].
3. (Currently Amended) [[A]] The supply unit according to [[claims 1 or 2, characterized in]] claim 1, comprising a motor [(30; 30')] with a rotor connected to the common drive shaft [(3; 3')].
4. (Currently Amended) [[A]] The supply unit according to claim 3, [[characterized in that]] wherein the motor is placed between the compressor and the liquid fuel feed pump.
5. (Currently Amended) [[A]] The supply unit according to [[any of claims 1-4, characterized in that]] claim 1, wherein the common drive shaft comprises interconnected shaft elements.
6. (Currently Amended) [[A]] The supply unit according to [[any of the claims 1-5, characterized in]] claim 1, comprising a modulatable liquid fuel metering device [(103; 103')].

7. (Currently Amended) [[A]] The supply unit according to claim 6, [[c h a r a c t e r - i z e d in that]] wherein the liquid fuel metering device [[[103'] comprise]] comprises a metering orifice [[[203]]] and a valve [[[202; 206]]].

8. (Currently Amended) [[A]] The supply unit according to claim 6, [[c h a r a c t e r - i z e d in that]] wherein the liquid fuel metering device [[[103]]] is a metering pump.

9. (Currently Amended) [[A]] The supply unit according to claim 8, [[c h a r a c t e r - i z e d in that]] wherein the metering pump is a piston pump activated by an electro magnet [[[17]]].

10. (Currently Amended) [[A]] The supply unit according to [[one of the claims 1-9, characterized in that]] claim 1, wherein the compressor [[[104; 104')]] is a vane pump.

11. (Currently Amended) [[A]] The supply unit according to [[one of the claims 1-10, characterized in tha]] claim 1, wherein the liquid fuel feed pump [[[102; 102')]] is a gerotor pump.

12. (Currently Amended) A liquid fuel burner system comprising a burner device [[[106]]] with a gas atomizing burner nozzle [[[105]]], a fan [[[107]]] for supplying combustion air to the burner device [[[106]]], and a liquid fuel supply unit [[[101; 101')]] said unit being a constructional and exchangeable unit and comprising a liquid fuel feed pump [[[102; 102')]] and a compressor [[[104; 104')]] having a common drive shaft [[[3; 3')]], the system further comprising a modulatable liquid fuel metering device [[[103; 103')]] fed by said liquid fuel feed pump [[[102; 102')]], said gas atomizing burner nozzle [[[105]]] being connected with the liquid fuel metering device [[[103; 103')]] and the compressor [[[104; 104')]] for receiving liquid fuel and atomising gas.

13. (Currently Amended) [[A]] The liquid fuel burner system according to claim 12, [[c h a r a c t e r i z e d in that]] wherein the burner device [[[106]]] has a minimum heat output of less than 10 kW.